## **SIEMENS**

Data sheet 3SE5132-0CA00



Basic switch for position switch 3SE513 Enclosure plastic according to EN 50041, 1 x (M20 x 1.5) 1 NO/1 NC quick action contacts without actuator head

product brand name	SIRIUS
product designation	Mechanical safety switches
product type designation	3SE5
manufacturer's article number	
<ul> <li>of the supplied switching contacts</li> </ul>	3SE5000-0CA00
<ul> <li>of the supplied empty enclosure with cover</li> </ul>	3SE5132-0AA00
suitability for use safety switch	Yes
General technical data	
product function positive opening	Yes
insulation voltage rated value	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 kV
protection class IP	IP66/IP67
shock resistance	
<ul> <li>according to IEC 60068-2-27</li> </ul>	30g / 11 ms
vibration resistance according to IEC 60068-2-6	0.35 mm/5g
mechanical service life (operating cycles) typical	15 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	10 A
reference code according to IEC 81346-2	В
continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG	6 A
active principle	mechanical
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
minimum actuating force in directions of actuation	20 N
length of the sensor	85.7 mm
width of the sensor	40 mm
Ambient conditions	
ambient temperature	
during operation	-25 +85 °C
during storage	-40 +90 °C
explosion protection category for dust	none
design of the switching contact	mechanical
operating frequency rated value	50 60 Hz
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
operational current at AC-15	

design of the housing block, narrow material of the enclosure plastic  coating of the enclosure Other types  design of the housing according to standard Yes  Drive Head  design of the actuating element Other, without, basic switch design of the switching function Positive opening with appropriate positive opening actuator head circuit principle snap-action contacts number of switching contacts safety-related 1 cable entry type 1x (M20 x 1.5)  Installation/ mounting/ dimensions  mounting position any fastening method screw fixing  Connections/ Terminals  type of electrical connection screw-type terminals type of connectable conductor cross-sections				
• at 240 V rated value • at 400 V rated value • at 400 V rated value  operational current at DC-13 • at 250 V rated value • at 125 V rated value • at 250 V rated value • at 400 V rated value • o.12 A  inclosure  design of the housing material of the enclosure coating of the enclosure  design of the actuating element • Other types  design of the actuating element • Other, without, basic switch  design of the actuating element • Other, without, basic switch  design of the switching function • Positive opening with appropriate positive opening actuator head  circuit principle  snap-action contacts  number of switching contacts safety-related • 1 cable entry type • (a) (M20 x 1.5)  statillation/mounting/dimensions  mounting position  any fastening method  oconnections/ Terminals  type of electrical connection  type of connectable conductor cross-sections • (solid) • (inely stranded with core end processing) • (for AWG cables solid) • (for AWG cables solid) • (for AWG cables stranded)  design of the interface for safety-related communication  communication/ Protocol  design of the interface  without	<ul> <li>at 24 V rated value</li> </ul>	6 A		
• at 400 V rated value     • at 24 V rated value     • at 25 V rated value     • at 25 V rated value     • at 25 V rated value     • at 26 V rated value     • at 26 V rated value     • at 27 V rated value     • at 27 V rated value     • at 28 V rated value     • at 27 V rated value     • at 400 V rated value      • at 400 V rated value	<ul> <li>at 125 V rated value</li> </ul>	6 A		
e at 24 V rated value 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3	<ul> <li>at 240 V rated value</li> </ul>	6 A		
at 24 V rated value at 125 V rated value at 250 V rated value 0.27 A at 250 V rated value 0.12 A  colorsure  design of the housing material of the enclosure coating of the enclosure 0 Other types  design of the housing according to standard Ves  rive Head  design of the actuating element 0 Other, without, basic switch design of the switching function clircuit principle number of switching contacts safety-related 1 cable entry type 1 x (M20 x 1.5)  statistical mention mounting position fastening method connections/ Terminals type of electrical connection specifications  e solid  i for AWG cables stranded design of the interface without interface without without without vertificates/ approvals	at 400 V rated value	4 A		
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• at 400 V rated value    Inclosure   Incl	<ul> <li>at 125 V rated value</li> </ul>	0.55 A		
design of the housing block, narrow plastic coating of the enclosure Other types design of the enclosure Other types design of the housing according to standard Yes  vive Head  design of the actuating element Other, without, basic switch design of the switching function Positive opening with appropriate positive opening actuator head circuit principle snap-action contacts number of switching contacts safety-related 1 cable entry type 1x (M20 x 1.5)  statlation/ mounting/ dimensions  mounting position any fastening method screw fixing  connections/ Terminals  type of electrical connection screw-type terminals  type of connectable conductor cross-sections  • solid 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) • finely stranded with core end processing 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • for AWG cables stranded 1x (20 16), 2x (20 18)  design of the interface for safety-related communication without  communication/ Protocol  design of the interface without	at 250 V rated value	0.27 A		
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circuit principle  number of switching contacts safety-related  1  cable entry type  1x (M20 x 1.5)  stallation/ mounting/ dimensions  mounting position  fastening method  connections/ Terminals  type of electrical connection  screw-type terminals  type of connectable conductor cross-sections  • solid  finely stranded with core end processing  for AWG cables solid  for AWG cables stranded  for AWG cables stranded  type of consectable communication  without  without  communication/ Protocol  design of the interface  without	design of the actuating element	Other, without, basic switch		
number of switching contacts safety-related  cable entry type  1x (M20 x 1.5)  Installation/ mounting/ dimensions  mounting position  fastening method  connections/ Terminals  type of electrical connection  screw-type terminals  type of connectable conductor cross-sections  • solid  finely stranded with core end processing  for AWG cables solid  for AWG cables stranded  for AWG cables stranded  without  communication/ Protocol  design of the interface  without	design of the switching function	Positive opening with appropriate positive opening actuator head		
cable entry type  1x (M20 x 1.5)  nstallation/ mounting/ dimensions  mounting position  any fastening method screw fixing  connections/ Terminals  type of electrical connection screw-type terminals  type of connectable conductor cross-sections  • solid 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • finely stranded with core end processing 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • for AWG cables solid 1x (20 16), 2x (20 18)  • for AWG cables stranded 1x (20 16), 2x (20 18)  design of the interface for safety-related communication without  communication/ Protocol  design of the interface without	circuit principle	snap-action contacts		
mounting position fastening method connections/ Terminals  type of electrical connection	number of switching contacts safety-related	1		
mounting position  fastening method  connections/ Terminals  type of electrical connection  screw-type terminals  type of connectable conductor cross-sections  e solid  finely stranded with core end processing  for AWG cables solid  for AWG cables stranded  for AWG cables stranded  tx (20 16), 2x (20 18)  e for AWG cables stranded  tx (20 16), 2x (20 18)  design of the interface for safety-related communication  communication/ Protocol  design of the interface  without	cable entry type	1x (M20 x 1.5)		
fastening method screw fixing  connections/ Terminals  type of electrical connection screw-type terminals  type of connectable conductor cross-sections	nstallation/ mounting/ dimensions			
type of electrical connection  type of connectable conductor cross-sections  • solid  • finely stranded with core end processing  • for AWG cables solid  • for AWG cables stranded  • for the interface for safety-related communication  communication/ Protocol  design of the interface  without  certificates/ approvals	mounting position	any		
type of electrical connection  type of connectable conductor cross-sections  • solid  • finely stranded with core end processing  • for AWG cables solid  • for AWG cables stranded  • without	fastening method	screw fixing		
type of connectable conductor cross-sections  • solid  • solid  • finely stranded with core end processing  • for AWG cables solid  • for AWG cables stranded  • for AWG cables stranded  • to a for AWG cables stranded  • to	connections/ Terminals			
solid	type of electrical connection	screw-type terminals		
<ul> <li>finely stranded with core end processing</li> <li>for AWG cables solid</li> <li>for AWG cables stranded</li> <li>for AWG cables stranded</li> <li>1x (20 16), 2x (20 18)</li> <li>design of the interface for safety-related communication</li> <li>without</li> <li>design of the interface</li> <li>without</li> </ul>	type of connectable conductor cross-sections			
● for AWG cables solid     ○ for AWG cables stranded     ○ f	• solid	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)		
● for AWG cables stranded  1x (20 16), 2x (20 18)  design of the interface for safety-related communication  without  design of the interface  without  design of the interface  without	<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)	
design of the interface for safety-related communication  communication/ Protocol  design of the interface without  certificates/ approvals	<ul> <li>for AWG cables solid</li> </ul>	1x (20 16), 2x (20 18)		
design of the interface without ertificates/ approvals	<ul> <li>for AWG cables stranded</li> </ul>	1x (20 16), 2x (20 18)	1x (20 16), 2x (20 18)	
design of the interface without ertificates/ approvals	design of the interface for safety-related communication	without		
Certificates/ approvals	Communication/ Protocol			
	design of the interface	without		
Functional	ertificates/ approvals			
			Functional	

**General Product Approval** 

Functional Safety/Safety of Machinery





Confirmation





Type Examination Certificate

**Declaration of Conformity** 

other





Confirmation

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

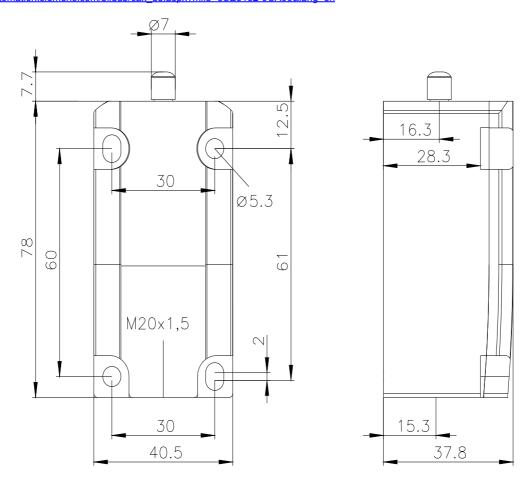
Industry Mall (Online ordering system)

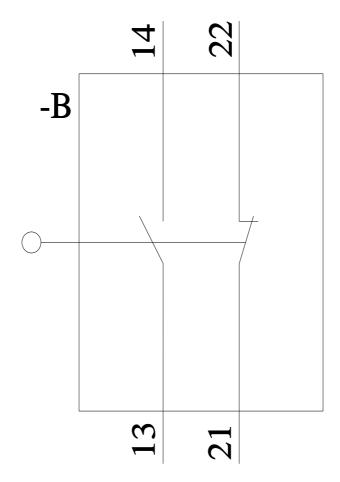
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5132-0CA00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0CA00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5132-0CA00&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5132-0CA00&lang=en</a>





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